PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

_	Under the Paperwork Reduction Act of 1995, no persons are required	to respond to a collection of Informa	tion unless it contains a valid OMB control number.	
	Substitute for form 1449/PTO	Complete if Known		
		Application Number		
	INFORMATION DISCLOSURE	Filing Date		
		First Named Inventor	Ronald D McCallister	
	STATEMENT BY APPLICANT	Art Unit		
	(Use as many sheets as necessary)	Examiner Name		
	Sheet 1 of 3	Attorney Docket Number	1826-310CIPRI	

- 3

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (f known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
OU	 	US- 4,962,510	10/09/1990	McDavid, et al.	Tigaros Appear
00		US- 5,381,449		 	
	 	11S-5-500-404	01/10/1995	Jasper, et al.	
	<u> </u>	US- 5,566,164	10/15/1996	Ohlson	
		^{US-} 5,049,832	09/17/1991	Cavers .	
		^{US-} 5,287,387	02/15/1994	Birchler	
	l	^{US-} 5,600,676	02/04/1997	Ramesh	
		^{US-} 5,606,578	02/25/1997	O'Dea	
		^{US-} 5,621,762	04/15/1997	Miller, et al.	
		^{US-} 5,629,961	05/13/1997	Kawabata	
		^{US-} 5,638,403	06/10/1997	Birchler, et al.	
		^{US-} 5,696,794	12/09/1997	O'Dea	
		^{US-} 5,727,026	03/10/1998	Beukema	
	:	^{US-} 5,805,640	09/08/1998	O'Dea, et al.	
		US- 5,379,322	01/03/1995	Kosaka, et al.	
		us- 5,479,448	12/26/1995	Seshadri	
		US- 5,579,342	11/26/1996	Crozier	
		^{US-} 5,638,404	06/10/1997	Crozier	
V		^{US-} 6,097,711	08/01/2000	Okawa, et al.	
n		^{US-} 5,987,068	11/16/1999	Cassia, et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ		
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵		
		•						

Examiner Signature	(m	Corrieles	Date Considered	7-16-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. It indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are requ Substitute for form 1449/PTO		mplete if Known
	Application Number	
INFORMATION DISCLOSURE	Filing Date	
	First Named Inventor	Ronald D McCallister
STATEMENT BY APPLICANT	Art Unit	
(Use as many sheets as necessary)	Examiner Name	
Sheet 2 of 3	Attorney Docket Number	1826-310CIPRI

Fuerdan				DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number . Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
at		^{US-} 6,236,864	05/22/2001	McGowan, et al.	
al		^{US-} 2002/0101936A1	08/01/2002	Wright, et al.	
t		US- 2002/0101935A1	08/01/2002	Wright, et al.	
		US-			·
		US-			
		US-	-		
		US-			
		US-			
		US-			
		US-			
		US-			
		US-	 		
		US-			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Cite Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Γ		
			MM-DD-YYYY			T ⁶		
			-			-		
						₽		
						-		
						┢		

Examiner		Date	
Signature	M Coules	Considered	16/0 L
	The state of the s		- 1 7-

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this farm with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Compl t if Known Substitute for form 1449/PTO Applicati n Number INFORMATION DISCLOSURE Filing Dat STATEMENT BY APPLICANT **First Named Inventor** Ronald D McCallister **Art Unit** (Use as many sheets as necessary) **Examiner Name** Sheet Attorney Docket Number 13 of 3 1826-310CIPRI

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	_
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
on		MILLER & O'DEA, Adaptive Peak Suppression for Power and Bandwidth Efficient Linear Modulation, 0-7803-4198-8/97 1997 IEEE	
		AMOROSO & MONZINGO, Spectral Sidelobe Regrowth in Saturating Amplifiers, Applied Microwave & Wireless, 36-42, March 1998	
		AMOROSO & MONZINGO, Digital Data Signal Spectral Side Lobe Regrowth in Soft Saturating Amplifiers, Microwave Journal, 126-131, February 1998	
		MAY & ROHLING, Reducing the Peak-to-Average Power Ratio in OFDM Radio Transmission Systems, 48th IEEE Vehicular Technology Conference, 18-21 May 1998, 2474-2478	
		MONZINGO & AMOROSO, Suppress Spectral Sidelobe Regrowth with Data Signal Predistortion, Applied Microwave & Wireless 62-70, October 1998.	
M			
		·	
	-		

Examiner		Date	2/1
Signature	$\bigcap_{i \in \mathcal{I}} \mathcal{I}_{i} = \mathcal{I}_{i}$	1	1 7/11/20
Signature	Im Comillo	Considered	110/UQ

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Commiscioners for Patents P.O. Box 1450, Alexandria, VA 22313-1450. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.